

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: To Be Assigned  
Filing Date: Herewith  
Applicant: Stephen M. Seibel et al.  
Group Art Unit: 3746  
Examiner: Han Lieh Liu  
Title: Dual Volume-Ratio Scroll Machine  
Attorney Docket: 0315-000482/COB

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Mail Stop Non-Fee Amendment  
Director of the United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**

Sir:

Preliminary to the calculation of the filing fee and the examination of this Application on its merits, please amend the Application as follows.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** begin on page 4 of this paper.

**Remarks** begin on page 20 of this paper.